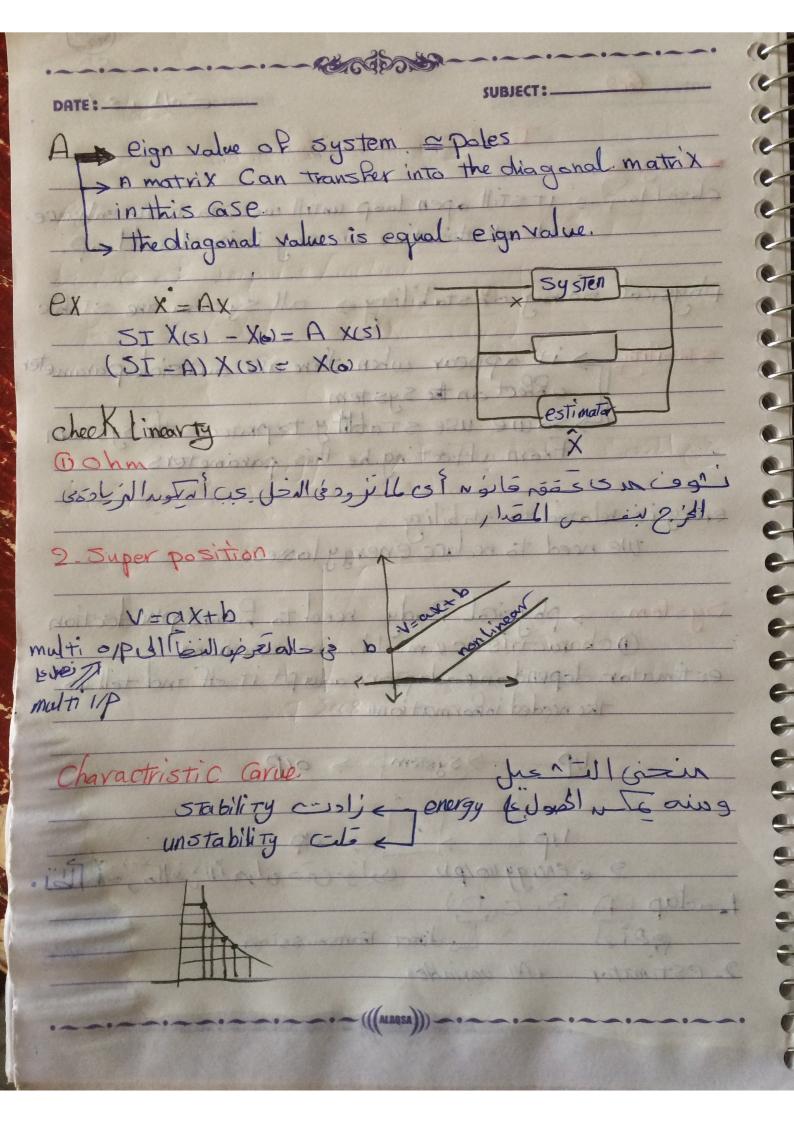
DATE: Coop Introduction to Simulanka and analysing loss with the into the charge and xixtom a closed loop > it still open loop untill we start to enhance it at this time we say it is closed loop. Physical meaning of stability all system are stable Stability it appear when there are outside parameter of effect on the system.

Sowe use stability to protect the system From affecting be this parameters. energ is related to stability we need to reduce energy losses. System physical Bady need to future phedection Ocharactristic u model, observation estimator depend on a adaptor a adapt itself and tell us the needed information !! System > OIP Supply our Jailor Supply (1905) up to the day 2 is energy (10/p) (5) [(5) cho il 5) [6]. 1-adap (A, B, C, D) Roid Edinat Transmission 2 estimator All variables ---- (((AIAQSA))) -----



* The main objective of any system is toobtain eign value. gordan form > all the upor 1910

eign value > diagonal > 5 table

fat least 1 (+) unstable to only stable excriticali 6205 unstable. $X_1 = X_2 = Const$ $dX_1 = X_2 \Rightarrow X = t$ -X2=0 all the time and dt displate (0) matrix nouls de les los Vien un 131. 1 - eign value. 2- eign vector eignvalue Jr , still System Can be invertable if parameter sue ign value. "Controllable or not controllable" Controllable > i/P dosi Edes 0/P al apleo asi is the ability of the 1/p to change the STate of variable from one point to another in aspecific time.